



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution

DHAANISH AHMED COLLEGE OF
ENGINEERING

- Name of the Head of the institution **Dr. G. Uma Gowri**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **044 71736800**
- Mobile no **9445516176**
- Registered e-mail **dacenaac@dhaanishcollege.in**
- Alternate e-mail **principal@dhaanishcollege.co.in**
- Address **Dhaanish Nagar, Padappai (Near
Tambaram), Vanchuvancheri.**
- City/Town **Chennai**
- State/UT **Tamil Nadu**
- Pin Code **601301**

2.Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**
- Location **Semi-Urban**

- Financial Status **Self-financing**
- Name of the Affiliating University **Anna University, Chennai**
- Name of the IQAC Coordinator **Dr.J.Rahila**
- Phone No. **9894195130**
- Alternate phone No. **8072341513**
- Mobile **9894195130**
- IQAC e-mail address **iqac@dhaanishcollege.in**
- Alternate Email address **dacenaac@dhaanishcollege.in**

3.Website address (Web link of the AQAR (Previous Academic Year)

<https://dhaanish.in/agar/>

4.Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

<https://dhaanish.in/academic-calendar/>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.89	2018	02/11/2018	01/11/2023

6.Date of Establishment of IQAC

14/06/2012

7.Provide the list of funds by Central / State Government

UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	NIL	NIL

8.Whether composition of IQAC as per latest NAAC guidelines

Yes

- Upload latest notification of formation of IQAC

[View File](#)

9.No. of IQAC meetings held during the year 4

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **No**

- If No, please upload the minutes of the meeting(s) and Action Taken Report **No File Uploaded**

10.Whether IQAC received funding from any of the funding agency to support its activities during the year? No

- If yes, mention the amount

11.Significant contributions made by IQAC during the current year (maximum five bullets)

- Conducted internal Academic Audit at departmental level and institutional level.
- Conducted two Faculty Development Programmes on OBE and Effective Pedagogies in teaching and learning
- Conducted --- Webinars at departmental level and institutional level through ICT mode.
- Collection and analysis of Students Satisfaction Survey Report.
- Conducted two periodical IQAC meeting and reviewed the progress of the agenda.
- Motivated students and faculty to write proposals and submit to various funding agencies.

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
1st meeting of full body of IQAC held at the beginning of academic year to review previous year's performance and to issue guidelines for the current academic year	Progressive
Periodical meetings at least (four in a year) to review midyear performance.	Performance improved
CBCS Choice Based Credit System was introduced by Anna University in the year 2017-2018. Steps are taken for improving the results as per the new regulations 2017	Performance is improving
Placement training activities through industry experts	Progressive

13. Whether the AQAR was placed before statutory body? **Yes**

- Name of the statutory body

Name	Date of meeting(s)
Academic council	10/02/2022

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

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Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
NIL	NIL	NIL	NIL	NIL	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			View File		
9.No. of IQAC meetings held during the year			4		
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?			No		

<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
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<table border="1"> <thead> <tr> <th>Name</th> <th>Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td>Academic council</td> <td>10/02/2022</td> </tr> </tbody> </table>		Name	Date of meeting(s)	Academic council	10/02/2022
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14. Whether institutional data submitted to AISHE					
<table border="1"> <thead> <tr> <th>Year</th> <th>Date of Submission</th> </tr> </thead> <tbody> <tr> <td>YES</td> <td>15/02/2023</td> </tr> </tbody> </table>		Year	Date of Submission	YES	15/02/2023
Year	Date of Submission				
YES	15/02/2023				
15. Multidisciplinary / interdisciplinary					
<ul style="list-style-type: none"> The vision of the college is to establish a world-class institution that is recognized as a "Centre of Excellence" offering education and research in engineering, technology and management with a blend of social and moral values to serve the community with a futuristic perspective. Choice based credit system allows student to choose interdisciplinary, multidisciplinary, interdisciplinary courses and skill oriented papers according to learning needs interest and aptitude To provide a platform for multidisciplinary learning, students are offered with value added courses and add on courses beyond their curriculum The students are assigned field work/ project work/ internship to enrich their capability and empower the students beyond their domain of study. 					
16. Academic bank of credits (ABC):					
17. Skill development:					
<ul style="list-style-type: none"> The curriculum under 2017 regulation includes following course that addresses development of Humanistic, Ethical, Human Values, Life skills etc. Legal Aspects of Business, Organizational Behavior, Air Pollution & Control Engineering, Professional Ethics in Engineering, Principles of Management, Environmental and Social Impact Assessment , 					

Health, Safety and Environmental Management in Petroleum Industries

- To inculcate positivity amongst the student and to develop their life skills, the students are provided with various training programmes and guest lectures.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Outcome-based education (OBE) is to develop the course outcome attainment analysis and the observations of this analysis are then used for continuous quality improvement of the education at DACE To evaluate the student learning process by course outcomes with the attainment percentage level calculation based on mapping ,since it is the most important aspect in the outcome-based education (OBE).It includes both direct as well as indirect methods to assess the learning . The Institution ensures that Program outcomes, Program specific outcomes and course outcomes of all the programs are clearly stated. Measures are taken at various levels to ensure that the faculty and the students are made aware of the outcomes.

20.Distance education/online education:

NA

Extended Profile

1.Programme

1.1 566

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	View File

2.Student

2.1 789

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2

201

Number of seats earmarked for reserved category as per GOI/
State Govt. rule during the year

File Description	Documents
Data Template	View File

2.3

162

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1

100

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2

100

Number of sanctioned posts during the year

Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	566
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	789
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	201
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	162
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	100
File Description	Documents
Data Template	View File

3.2	100
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	34
Total number of Classrooms and Seminar halls	
4.2	219.21
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	420
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Dhaanish Ahmed College of Engineering which is affiliated to Anna University, Chennai follows the prescribed syllabus offered by the University. Students have an option to choose elective subjects from the list of subjects given by the university. For the students admitted up to AY 2016-17 fixed credit and absolute grading system is followed. From AY 2017-18 onwards, Choice Based Credit System (CBCS) has been introduced where the student has a choice to choose interdisciplinary subjects/electives and can also complete the 8th Semester subjects in advance. The academic schedule for each semester is provided by the COE, Anna University and it is distributed to all departments.

Dhaanish Ahmed College of Engineering (DACE) carries out the following activities: • Maintenance of Course File, Log Books, Lesson Plan, Lecture notes, Master Attendance etc, • Effective curriculum delivery through Information Communication Technology (ICT) enabled class rooms in addition to LCD, video conference,

and NPTEL. • With an aim to make the teaching methods student friendly, a new approach, namely, SUPPORTIVE, SELF LEARNING, COLLABORATIVE LEARNING, INNOVATIVE LEARNING, TRADITIONAL LEARNING & COMPETITIVE LEARNING is introduced in our college to enhance students skill.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://cac.annauniv.edu/aidetails/ai_ug_cands_2021ft.html

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The Principal / Dean / Overall Academic Coordinator prepares an Academic Calendar for the college by convening HODs meeting to fix timetable slot, assessment tests schedule and other schedules for the semester, based on the University Academic Calendar. All other activities of the departments like Industrial visits, In-plant training, Guest lectures, Symposium, Seminars, Conference, Placement and Training and association activities are scheduled to augment teaching-learning process. Class Committee meetings are convened as per University norms. The calendar of events includes the department meetings, faculty & head other department meetings, parents' meetings, various events to be conducted at the Institute level, attendance calculation & display of results, internal assessment conduction. The individual departments prepare the department calendar of events in line with the college calendar of events. The heads of the departments ensure the adherence of all the academic activities as per the calendar of events. Dhaanish Ahmed College of Engineering (DACE) carries out the following activities: • Maintenance of Course File, Log Books, Lesson Plan, Lecture notes, Master Attendance etc, • Effective curriculum delivery through Information Communication Technology (ICT) enabled class rooms in addition to LCD, video conference, and NPTEL. • With an aim to make the teaching methods student

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

9

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

6

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

471

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The Institute has made all efforts to build healthier and harmonious working environment with respect to issues related to Gender, Environment and Sustainability, Human values and Professional Ethics into the curriculum.

1 Gender: To prevent sexual harassment at workplace and to empower the women employees, the Institute has constituted 1) Internal complaints Committee 2) Women empowerment cell to effectively curb any unhealthy working condition for the girls students and women employees and to increase their morale & empower them. Equal opportunities are extended to all in every aspect of teaching and learning in the Institute as it believes that gender discrimination is a crime. Every year the Institute is organizing woman's day celebration to respect the women force at all levels.

2. **Environment and Sustainability** The Anna University curriculum has made "Environmental science" course in their regular curriculum to create awareness related to various environmental issues the world is facing. Students are given ample opportunity to learn about the climate change.

3. **Human Values and Professional Ethics** The Anna University curriculum is offering "Professional Ethics" as elective paper and the college make sure the students take up that elective paper that provides basic information about Indian constitution, to identify individual role and ethical responsibility towards society and to understand human rights and its implications. This course helps the students to gain knowledge, legal literacy and thereby to take competitive examinations.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

13

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

522

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students Teachers Employers Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	Nil
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://docs.google.com/document/d/1J37Opf26DhM24xJtWdyHUXvC_k07s17c/edit?usp=share_link&ouid=102070900442899583978&rtpof=true&sd=true

TEACHING-LEARNING AND EVALUATION**2.1 - Student Enrollment and Profile**

2.1.1 - Enrolment Number Number of students admitted during the year**2.1.1.1 - Number of students admitted during the year**

366

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)**2.1.2.1 - Number of actual students admitted from the reserved categories during the year**

201

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Assessment occurs at various levels in the Institution. The entry- level assessment involves collecting quantitative and qualitative

information about student's learning levels at the entry itself. Special facilities for advanced learners: 1. Awards for Meritorious students. 2. Books for Meritorious students. 3. Practical training with scope for mini-projects. 4. Value Added Courses and Online e-Learning courses relevant to respective discipline. 5. Motivation for participation in co-curricular activities - Seminar, Paper Presentation, Quiz, and Competitions. 6. Facility to become a member of Centre of Excellence / Entrepreneurship Development Cell. 7. Motivation for Industry Internship. 8. Facilities to learn Foreign Languages. 9. Encouragement in sports and games.

Special initiatives for slow learners: 1. Slow learners are

segregated into small groups. 2. They are monitored through Mentoring and counseling on regular basis. 3. Discussions with the parents on assessing the reason for poor performance and remedial measures to improve academic performance.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
789	100

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Student-centric methods serve as an integral part of the pedagogical techniques employed by the faculty of the college. The methodology involves project-based/experiential learning, participative learning, and problem-solving methodologies with more responsibility and autonomy for the student to deeply study and understand the subject with the role of a teacher as a facilitator rather than an instructor. The college has established several centres of excellence in collaboration with industry. The students are grouped as per their choice, into one of these centres. The training didactics for these centres are provided by the industry. The students are encouraged to

demonstrate their knowledge and practical skill by undertaking mini- projects through simulation and hardware development and

participating in project contests. A panel of experts from the industry reviews the projects. The Students are encouraged to

participate in Professional societies, Technical Workshops, Intra Department Project Contests, Seminars, Symposiums, Paper

presentations in Conferences. In addition, Industry visits, In-Plant Training, and Internship are also arranged for the students.

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

ICT-enabled technologies have become a key consideration in the curriculum framework. The classes were scheduled in Google meet during the pandemic situation. The faculty uses ICT-enabled tools such as PPT, Videos for online teaching. The faculty also uses additional online platforms such as quizzes, crosswords, Google classroom, etc for an effective teaching-learning process. Faculty members employ electronic resources from platforms such as NPTEL and COURSERA to stay up to date on recent technology. Digital material for all the subjects is shared on the College website which consists of notes, activity-based learning,

real-time applications, mini-projects, etc a new era in the teaching- learning process.

The institution provides the complete infrastructure for ICT-enabled teaching-learning processes and for content development by the faculty. Facilities such as seminar halls, smart classrooms, LCD projectors, video cameras, Internet, and Wi-Fi etc. The Institution uses an AI-Driven Personalized Hybrid Learning Platform DHAANISH INTELLECTUAL POWERHOUSE for Engineering education which aids in imparting a highly efficient, personalized, and exciting learning experience. Its unique features bridge the gap between the students' skills set and corporate expectations.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

61

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

100

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

43

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

100

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Internal assessments are conducted as per the academic calendar. The academic calendar with test schedule will be given to students at the beginning of each semester. The question bank is prepared for each course by an experienced course coordinator nominated for each course by extracting and consolidating the questions prepared by different faculty handling the same course. The question bank covers Part - A, Part - B, and Part C questions. The final question paper is generated using Smart Pick Software to assure transparency. Any correction in the internal assessment question paper will be intimated to the students immediately with the permission of Head of the Institution. All assessment tests are evaluated with an answer key scheme by subject teachers. After the evaluation process, papers are distributed to the students. The faculty discuss the answer key in the class after every internal test to clarify their doubt and enable them to perform well in the

forthcoming examination. Any discrepancy in the marks awarded to the answers will be resolved by the faculty immediately and the marks will be updated.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

Internal assessments are conducted as per the academic calendar. The academic calendar with test schedule will be given to students at the beginning of each semester. Any correction in the internal assessment question paper will be intimated to the students immediately with permission of Head of the Institution. All assessment tests are evaluated with an answer key scheme by subject teachers. After the evaluation process, papers are distributed to the students. The faculty discuss the answer key in the class after every internal test to clarify their doubt and enable them to perform well in the forthcoming examination. Any discrepancy in totaling, marks awarded to the answers will be resolved by the faculty immediately and the marks will be updated.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) for all programs are well stated and displayed through: • Institute website • Syllabus • Display boards in all corridors of Departments • Department notice boards/ Magazines/ Lab Manuals/ Department newsletters/ department & staff cabin • Awareness about COs, POs and PSOs are made to students by faculty at the beginning of the semester and through orientation programs.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The CO attainment for each course is obtained from Direct and Indirect Assessment as detailed below
 Direct Attainment for each course = 60% weightage of University exam + 40% weightage of Continuous Assessment
 Indirect Attainment for each course = Course End survey
 Overall Attainment for each course = 95% of Direct Attainment+5% of Indirect Attainment
 The assessment of Program Outcome is carried out using data collected from Direct and indirect methods. The PO attainment is calculated by fixing weightage as follows
 PO Attainment = 80% of Direct Attainment + 20% of Indirect Attainment

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

159

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<https://dhaanish.in/igac-report/>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

8.78

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

0

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

4

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

TECHNOLOGY RESEARCH INCUBATION CENTRE (TRIC) Technology Research Incubation Centre (TRIC) of DACE is the initiative to meet the need of today's fastest growing demand in the area of technical and research knowledge among students. The objective of the TRIC is to create physical infrastructure and support systems necessary to incubate research activities in students. It is an endeavor, not only for its members but also for all the students who desire to have a better professional Career. This shall help students grow positive attitude towards Research & Development and help them to carryout innovative projects. It also provides the services such as internet access and also facilitate networking with professional resources, which include mentors, experts, consultants and advisors for the students and faculty members. It promotes and facilitate knowledge creation, innovation and entrepreneurship activities. Professors with research experience are deputed as coordinators for the TRIC and

also they act as mentors for the students. It currently consists of 96 qualified student members who is directed by the TRIC Coordinators and are encouraged to participate in research activities and also various activities like symposiums, project contests, workshops, conferences etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

10

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide, title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

14

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

3

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

- Webinar on Corona Safety Awareness
- Webinar on International Literacy Day
- Seed balls soiling
- Stationery and books distribution
- Awareness Rally on leprosy control
- Covid Awareness -Mask and Sanitizer Distribution
- Awareness on usage of helmet
- Rally on Martyrs Day

- Martial Arts-Silambam training
- Dengue, malaria awareness rally
- National Yoga Day

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

11

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year**3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year**

1037

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration**3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year****3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year**

3

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year**3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year**

6

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Adequate facilities such as class rooms, tutorial rooms, laboratories, research laboratories, drawing halls, library, seminar halls, and auditorium are provided in the Institution

for teaching learning activities. Class rooms Tutorial rooms
Laboratories Research Laboratories Total number of Computers
Drawing hall Library and reading room

Library and reading room Seminar hall & Auditorium ,1 Central library & Reading room- 2 and Department library- 5, Seminar Hall - 4 & Auditorium -1

Classroom: There are 30 classrooms fully-furnished, well ventilated, spacious lecture rooms for conducting theory classes. Each class room is furnished with LCD projector and

internet facility to adapt advanced teaching methods.

Laboratories Institute has 34 laboratories to carry out the academic experiments prescribed by DACE. In addition, there are 3 laboratories to carry out the research activities

Computing facilities There are 410 computers which include 400 desktops 10 laptops. The entire computers area unit connected with local area network and net facility. The institute has 50 Mbps leased line for the internet facility through LAN as well as Wi-fi with hot spots. Drawing hall: One drawing halls are available , drawing classes are conducted using drafter to draw

manually

Tutorial rooms: There are 02 tutorial rooms which are being used to conduct special classes and discuss the queries of students related to academic activities.

Seminar halls 4 with good audio visual facilities are provided. These seminar halls minimum of 70 seating capacity are being used for conferences, seminars, workshops and placement

activities.

Auditorium: The auditorium is having 500 seating capacity with good audio visual facilities..

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The Campus is provided with both basic infrastructure for education and sports. The games like Basketball, Volleyball, Badminton, Cricket, Hand ball, Throw ball, Football, Chess, Carom, Athletics underneath trendy games; Kho-Kho, Kabbadi, etc. underneath the standard sport activities of India are conducted.

SPORTS INFRASTRUCTURE

Sl.no

Facility

Count

Year of Establishment

1

Basketball court

1

2006

2

Volley ball court

2

2006

3

Shuttle badminton

2

2006

4

Throw ball court

1

2006

5

Kabaddi court

1

2006

6

Kho-kho

2

2006

7

Tennikoit

1

2006

8

Ball badminton

2

2006

9

Cricket ground

1

2006

10

Football ground

1

2006

11

Athletic track 200m

1

2006

12

Indoor

1

2006

13

Table tennis board

2

2006

14

Caroms boards

8

2006

15

Chess boards

8

2006

16

Silambam

1

2012

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

34

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

219.21

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Our College Library is automated with Impres ERP software purchased from Dolphin Software Solutions, an Integrated Library Management Software (ILMS) to facilitate the needs of the staff and students. The nature of Impres ERP is fully automated in 2011 and the version is Impres ERP 1.0.2042. Our Library subscribes to 75 National and International Journals. In general, our library has uploaded 33050 volumes of books in 7003 titles on different disciplines like Engineering, Management, Technology and Science & Humanities in the software.

Impres ERP consists of 6 modules. Basic Setup (Database Management & Cataloging) module allows creating, update / edit

and maintaining the following databases. Resources module is designed to manage books by creating database and also used to search availability of books and advance booking / renewal, etc.. Transaction module is designed for all types of counter transactions Issue / Renewal / Return / Recall Reminders / Overdue receipt / No-due certificate. Online Public Access Catalogue (OPAC) module is designed to search book, Non book material , periodicals and back volumes through Author / Accession number / Publisher / Title / Subject name. The Report Management module is designed to view and print the reports. Admin (Member) module allows to create user log-in, password for staff and students Maintain database and update database.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	Nil

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources **A. Any 4 or more of the above**

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

2.815

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

345

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

With the increasing demand for internet access in educational campuses due to evolving standard of education and flexibility offered by the Internet - universities, colleges, educational institutes etc., are keenly stepping forward to setup secure and stable wired or Wi-Fi network campus for their students. As per the current market trend, most of the students like to carry 3-4 devices with them like mobile, tablets, laptops, ipods etc. with them to campus. As these devices devour bandwidth, colleges and universities are struggling hard to keep up with the bandwidth demand. Educational campuses have major requirements of user access control, control over bandwidth consumption, and differentiated policy control for management faculty's access and student's access. These campuses with wired and wireless internet access require seamlessly roaming facility to access internet from class room to library to labs and residential areas.

Our college has 420 computers and 2 servers with necessary software packages as per the syllabus prescribed by Anna University. The institute upgrades the software packages currently being used in the industry to make the students,

industry ready. A separate team Computer Maintenance Cell (CMC) framed to take care of the IT related needs of the campus such as hardware and networking, E-mail & SMS solutions, College Website updation etc

Currently we are using leased line bandwidth of 50 MBPS and also we have provided Wi-Fi facility to students at both hostel as well as on campus. Campus has 50 MBPS of high speed internet facility.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

420

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc

The physical facilities like Classrooms, Laboratories, Library and Sports Complex are made available for all the students admitted to the college. Classrooms and laboratories are maintained and cleaned daily by House Keeping department. The electrical and plumbing works have been maintained by Electricians and Plumbers. Lab equipment's are serviced by manufacturers and service personnel during summer / winter vacations. Stock register is also maintained regularly.

Computers The college has an adequate number of the computers with 50 Mbps internet connections and the necessary software's are installed for different locations like office, laboratories, library and departments. Computers are maintained by Computer Maintenance Cell (CMC) ensures the proper use of the computers and IT equipment's which are handled with care by them. Library The working hours of the library is from 8.30 a.m to 5.00 p.m on all working days.

Maintenance activities are carried out periodically to keep library clean and usable. The activities like fumigation, preservation of books from insects, dusting and shelving of reading materials on regular basis are done by the library assistants with the help of housekeeping staff.

Sports Activities The college always keeps the play field / courts clean and in good condition during the tournaments and sports day celebrations. The Physical Education Director control the sports equipments like ball, bat, net etc., provided to the

students and maintains the stock.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

942

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

30

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

460

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

460

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

A. All of the above

grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

129

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

1

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

0

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	No File Uploaded

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

33

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

College creates a platform for the active participation of the students in the various academic & administrative bodies including other activities like sports, cultural, symposium etc. This empowers the students in gaining leadership qualities, team playing, following rules, regulations and execution skills. Class Committee: Each class has a student representative council, which is called Class Committee, which includes student members. The student members bring forward the views and suggestions of the entire class with respect to the faculty, subjects, syllabus and other things related to the teaching learning process. At least 4 student representatives (usually 2 boys and 2 girls) shall be included in the class committee; however the students are selected, such that they represents boys, girls, hostlers, day scholars, toppers and slow learners. Various programs like paper presentations, workshops, seminars, Awareness camps and Blood donation campaigns, etc are organized by following students committees every year. Grievance redressal committee Internal complaints committee Anti ragging committee & squad Women empowerment cell NSS/YRC/RRC

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

21

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The success of an educational institution depends on the performance of its alumni. DACE has established strong bond with Alumni and has a registered Alumni Association which functions very actively with a purpose. The institute also invites the alumni for placement talks, entrepreneurship activities and financial contribution for the development of the students. Alumni are identified and their portraits are prominently displayed on the Website of the college so that they can be role models for their successors. Emerging Star, Best Alumni and Outstanding Alumni Awards have been instituted to honor the alumni every year. The college also releases a Newsletter in commemoration of Alumni Day. DACE is quite confident that the involvement and the promotional attitude of DACE Alumni will definitely steer the institution into limelight and take it to greater heights in terms of student's attitude, quality and future vision. Alumni Council Responsibilities

1. Adopt the Alumni Association core values of excellence, lifelong relationships and learning, inclusiveness and diversity, global citizenship, advocacy and Dhaanish Ahmed pride.
2. Enthusiastically communicate the mission and purpose of the college and Alumni Association to the wider alumni population.
3. Support a strong relationship between the Alumni Association and current student.
4. Recognize fellow alumni who are distinguished by their loyalty, professional achievement and

community service. 5. Assist current students and alumni in career planning and transitions. 6. Promote the college within one's sphere of influence, whenever the opportunity arises.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

5.4.2 - Alumni contribution during the year A. ? 5Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Vision To establish a world-class institution that is recognized as a "Centre of Excellence" offering education and research in engineering, technology and management with a blend of social and moral values to serve the community with a futuristic perspective. Mission To produce eminent engineers and managers with academic excellence in their chosen fields, which would be able to take up the challenges in the modern era and fulfill the expectations of the organization they join, with moral values and social ethics. Dhaanish Ahmed College of Engineering (DACE) is under the aegis of the Ayyanavaram Educational Trust (AET), which was established in the year 1980 by the founder and esteemed Chairman Alhaj.K.Moosa, with a noble aim of promoting 'Technical Higher Education'. The founder Chairman Alhaj.K.Moosa he himself is an Educationalist and philanthropist with very rich experience in the field of education, whose focus is to provide quality technical education to the socially and economically backward segment. Presently, AET is managing several schools and Engineering colleges, educating around 5000 aspirants. Mr.Alhaj K.Moosa is the founder Chairman of Dhaanish Ahmed College of Engineering(DACE) was started as a muslim minority educational institution in the year 2002 by the Chairman Mr.Alhaj K.Moosa. The founder Chairman is an

Educationalist with rich experience in the education field and also a well known philanthropist, whose focus is to provide quality technical education to the socially and economically backward people.

File Description	Documents
Paste link for additional information	https://dhaanish.in/vision-mission/
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

DACE has a decentralized administration, provides complete transparency in the decision making process. The governing body has given powers to the principal to take decision in Academic and Co-curricular activities. The governing body meets at regular intervals and monitors the activities of the institute. The Principal conducts regular meetings with the programme coordinators and discuss the activities of the department. The programme coordinators conduct meetings with faculties and Nonteaching staff in the departments and discuss the activities. Under the guidance of the Management, Principal constitutes different committees for the successful operation of the institution. PageCASE STUDY: DACE follows standards in budgeting and over all transparency is maintained from proposal to expenditure statement. At the end of financial year the estimated budget from each department is collected for the next academic year. The estimated budget proposal is based on the requirements provided by the faculty in-charges and supporting staff. The faculty in charges and staff will decide the requirements as per the syllabus in consultation with the Head of the Department. The budget coordinator consolidates the proposals of all labs and is presented in budget meeting for the approval from the management through principal. A common template is used by all the departments which includes the following, Laboratory Equipments Software Laboratory consumables Maintenance and spares Training and travel

File Description	Documents
Paste link for additional information	https://dhaanish.in/committee/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

DACE believes in hard work and excellence in all dimensions in the way in which the faculty and the students gets opportunity to learn new skills that meet the global changes happening in day to day life.

The institute has successfully implemented many strategic plans in the past years. One such plan is the research center named Quality Assurance in Research, Innovation, Incubation, and Industry Interaction, Development, Entrepreneurship, Education and Social Responsibility COE The Centre for Excellence inculcate innovative and research capabilities within undergraduate students for product design and development. The various functionalities are described below: INDUSTRY INSTITUTE INTERACTION To reduce the gap between industry and academia, the team interact with various industries. The feedback will be provided to Course refinement team of Centre for Excellence to update the syllabus and the same will be communicated to respective Programme Coordinator for the change in syllabus contents. Consulting The Centre for Excellence provides consulting services to various Institutes and Industries based on the need. The Team COE have experienced and dedicated certified trainers for various trainings like NBA, NAAC, OBE etc., Training Team Centre for Excellence Training Division focused on enriching the Skills of the students in various aspects apart from regular curriculum which includes Design Thinking, Value Added Course etc., Social Responsibility The Centre for Excellence guides the students to provide innovative solution for social problems. This lead to scalable and sustainable enterprises having a social and economic impact

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The organizational structure of the institution describes a functional and relational hierarchy. The chairman heads the institution. Day to day academic functions are monitored by the Principal/Dean, which is deployed by the Hod's with the support of teaching and non-teaching staff. Administrative and financial activities are carried out by the principal with management concurrence and as per policy with the help of administratives and accounts staff. The institution has established committees such as internal quality assurance cell, exam cell, anti-ragging committee, redressal cell, women empowerment cell etc, ensure deployment of various activities as per their charter.

Governing Council

Staff Recruitment

Various Bodies Internal Quality Assurance Cell Grievances Redressal Cell Anti-Ragging Cell Internal Compliant Cell Women's Empowerment Cell Promotional Policies The institution follows the promotional policy as per AICTE/UGC/University norms. Service Rule Service rules and code of conduct are followed for all teaching and non-teaching staff as per available Policy/Documents. Grievance Redressal Mechanism : Students can represent their individual problems to the college

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Welfare measures for teaching Staff Institution provides On Duty Permission/Registration for Teaching staff in order to improve their Skills -for attending Seminars, Workshops, Symposium, Conference, Research Work Provident Fund for Employees Free Transport Group insurance Marriage and maternity leave provided Medical leave provided Staff welfare amount sponsored ISTE Membership Fee (Provided) Free Medical Check-Up (Visiting Doctor) Welfare measures for non-teaching staff Skill development training (Awareness on Basic computer Software - Excel , Training on OHP PROJECTOR) Service Engineering Provident Fund for Employees Free Transport Group insurance Marriage and maternity leave provided Medical leave provided Staff welfare amount sponsored Free Medical Check-Up (Visiting Doctor)

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend

conferences/workshops and towards membership fee of professional bodies during the year

9

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

5

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Teaching: The Institute collects performance appraisal annually for the concluded Academic year from both teaching and non teaching staffs. As it is a self-introspection of his/her performance, reporting by the staff members is ensured to be factual and accurate, supported by evidence wherever necessary. The Appraisal is evaluated for 100 marks of which 50% weightage is given to Academic Performance. Credits are given for activities organized by the faculty and also for their participation in FDPs, Workshops, and Seminars etc. Research activities are given due importance in-terms of fund generation, Industry MOU and Research publication in National/International Journal and Conferences. All the above information are provided by the appraisee, which are reviewed by the appraiser (Usually the head of the Department/Division). The HOD records his/her observations, comments and recommendations and submit the same to Dean/Principal. After review by DEAN/Principal the same is submitted to the management. The scores are used to decide on (i) Increment (ii) Career advancement.

Non-teaching: Appraisal of non-teaching staff is done by the appraisers (usually the HoDs/supervisors/administrative heads) to whom the concerned non teaching staff is attached with/ reporting to. Appraisal is carried out both quantitatively and qualitatively. Appraisees are awarded marks on a scale of 2 to 10 aggregating to 100. Verbal description on the quality of the appraisee is also included.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Payments, Receipts and accounting on a daily basis is carried out by the senior Accountant. Every financial transaction is recorded and sent to head of the accounts team on a day to day basis and annual audit is done by a senior accountant from the trust office. At the end of financial year the annual account statement viz. Balance sheet, Receipts & Payments, Income & Expenditure are forwarded to external statutory auditor for the final verification. The audit of accounts and submission of income tax returns are being carried out regularly each year. Last external auditing was conducted in May 2020 There are no audit objections since the institution follows a good system of internal controls like calling quotations, comparison of rates, preparation of purchase order etc., and obtaining of approvals at every stage of such implementation and due verification of goods and services that are obtained after delivery or completion of works. No expenses are incurred without proper approval or sanction by the Head of the institution/Chairman. The Income and Expenditure Statements for the year 2020-2021 is uploaded for reference.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Proper utilization of financial resources are planned at the beginning of every academic year. Finance department is responsible for mobilisation of funds through collection of tuition fees, and other resources. The department is also responsible for optimal deployment of funds towards salary payment, tax payment, and payment to various suppliers, contractors, service providers etc. Every department will submit their proposals based on departmental activities planned, for that academic year. This is consolidated at the college level and sent for further approval to the college management. Based on the budget sanctioned, funds are released on priority basis. Every financial transaction is recorded and updated in the centralized accounting system.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Two examples of Best Practices institutionalized as a result of IQAC activities Example-1: Risk identification and Risk register: The new version of ISO, ISO 9001:2015 prescribes risk identification and mitigation. To make the best use of the above concept, DACE has introduced a document namely "Risk Register" which is maintained at all academic departments and other administrative and support areas. Whenever a student or staff

anticipates/ encounters any risks / issues which is likely to affect the safety / performance of the individual / department / section, an entry is made in the register. The information is also shared in appropriate manner in appropriate forum between departments / sections so as to create awareness about the risk. This practice helps to minimize / prevent the risks and to improve upon the safety, security and comfort of students and staffs, which in turn results in improved performance.

Example-2: Two Marks Tests Earlier during consecutive semesters, while scrutinizing the photocopy of answer scripts of students, received for revaluation, it was observed that poor performance by students in answering Part A questions (Two marks) pulls down their overall score and grade in that particular subject. To overcome this, after detailed discussions in IQAC meetings it has been decided to introduce exclusive two mark tests (once in the middle of the semester and once at the end of the semester)

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Example -1 : Institutional review : DACE reviews its teaching, learning process, structures & methodologies of operation and learning outcomes at periodic intervals by following the procedures listed below: Sl.No . Document Procedure Periodicity Reviewed by 1 Lesson Plan Each faculty prepares a detailed lesson plan for each course at the beginning of the semester based on the syllabus text books which clearly indicates the methodology Every semester Lesson plans reviewed by peer/senior faculty/HoD

2

Log Book Students' attendance and Topics covered in each period is entered in the log book. Assessment test marks are entered on completion of each test Updation : End of every period Reviewed by HoD weekly basis a Dean/Principal month. 3 Teaching and learning review register Period wise topics covered are entered for all the periods in a day and the record Updation : End of

every period Reviewed by HoD weekly basis a Dean/Principal month. 4 Result Analysis presentation by the departments As per a planned schedule, each department present their result analysis to Dean/Principal, after the publication of results Every Semester Dean/Principal and indicate mfor correctionimprovement 5 Pre evaluation form and feedback on question paper from students and faculty On completion of each examination feedback is collected from few students (usually 5 to 10), selected randomly on the nature of the question paper. From faculty feedback on any discrepancies in the question paper is collected and the same is forwarded to Anna University, if necessary. Every SemesterHoD/AC/ Principal / Preview the feand initiate reaction

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Safety and Security: Women empowerment cell in the college has conducted programs for women which help them to take their own decisions by breaking all personal limitations of society and family. To uphold women's right on protection against Sexual Harassment and to create a healthy and secured social environment, the following seminar/ Workshop have been organized. **Counseling:** College provides mentoring and counseling system to the students. College has taken a special care to create social, physical and psychological environment and awareness. Counseling is provided to the students to be more confident, mentally strong and matured enough to handle situations affecting their educational and vocational life.

(a) **Mentoring:** Mentoring the students is done at 1:20 ratio on a regular basis which is scheduled in the class time table.

(b) **Counseling:** It helps the students who are facing problems such as stress, financial stress, depression and anxiety. They are giving individual care to the students by spending time with them. The students share the problems freely and got the solutions.

(c) **Yoga:** Yoga and meditation is practiced in the college to relax the students and faculty from their regular hectic schedule. In order to improve the concentration we have given small physical and mental exercise.

1. Common room is provided for the girl students in the form of Prayer Hall for Girls separately.

2. Medical room for girls with first aid kit.

3. Study room separately for girls to discuss the subjects taught and study during exams.

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

a) Solid waste management: The institute has an effective mechanism for waste management. The vegetable waste and left over waste from the hostel and canteen is segregated into bio-degradable and non-bio degradable waste. The bio-degradable waste is put into a pit and left to ferment which will be used later as fertilizer to plants in the campus. The nonbio degradable waste is placed into dustbins which are further collected by the municipal authorities. The old blue books (IA books) that are used for internal tests are given away for recycling after keeping them for a specified duration in store room. This ensures effective paper recycling which further aids in fewer trees being cut down. **b) Liquid waste management:** The treated water from the RO Plant is used for watering gardens and lawns. The rain water harvesting unit is also installed in the campus. **c) E-waste management:** The e-waste generated in the Institute are collected together from all departments and handed over to an external e-waste recycling agency. **d) Waste Recycling System:** The bio-degradable solid waste is put into a pit and

left to ferment which will be used later as organic fertilizer to plants in the campus. The treated water from the RO Plant is used for watering gardens and lawns. The rain water harvesting unit is also installed in the campus.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The institute provides an eminent inclusive environment for both students and faculties. National festivals like Independence Day and Republic Day for celebrated every year with full vigor. Students organize the teachers' day every year in the College campus to felicitate the teachers and also to show their gratitude towards a great teacher. Every year Institute organizes Engineer's Day on 15th September. The Institute celebrates Pongal festival every year on Jan 13th. Various other activities like holi celebrations, ethnic day are also celebrated by the students.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Professional Ethics is been studied by all the UG programmes. This provides a insight into valuing human dignity and to save the liberties of the people against discrimination. The course also gives insights into Internet Laws Cyber Crimes and Cyber Laws. Every year Independence day is also celebrated every year to highlight struggle of freedom and importance of Indian constitution. Republic day is celebrated on 26th Jan by

organizing activities highlighting the importance of Indian Constitution. Similarly constitution day is celebrated on 26th Nov every year by reading out the Preamble as stated in Constitution of India. Observance of Vigilance Awareness Week is carried out every year during the last week of October to encourage all stakeholders to collectively participate in the prevention and the fight against corruption and to raise public awareness.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The institute celebrates national and international commemorative days, events and festivals with full vigor. National festivals like Independence

Day (15th August) and Republic Day (26th January) are celebrated every year with pride.

Students organize the teachers' day on 5th September every year in the College campus to felicitate the teachers and also to show their gratitude towards a great teacher and a legend Dr. Sarvepalli Radhakrishnan. Every year Institute organizes Engineer's Day on 15th September,

The Institute celebrates Pongal festival every year on Jan 13th.

Constitution day is celebrated on 26th November every year by reading out

the Preamble as stated in Constitution of India.

The institute celebrates national and international commemorative days, events and festivals with full vigor. National festivals like Independence

Day (15th August) and Republic Day (26th January) are celebrated every year with pride.

Students organize the teachers' day on 5th September every year in the College campus to felicitate the teachers and also to show their gratitude towards a great teacher and a legend Dr. Sarvepalli Radhakrishnan. Every year Institute organizes Engineer's Day on 15th September,

The Institute celebrates Pongal festival every year on Jan 13th.

Constitution day is celebrated on 26th November every year by reading out

the Preamble as stated in Constitution of India.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

BEST PRACTICES 1:

Special Study Hours for Hostel Students.

Objectives of the Practice

1. To monitor and motivate the students in learning and earn better grades in internal and external examinations.

Intended Outcome

1. Improved performance of students in internal and external assessments

Evidence of Success

The learning methodology has enhanced the hostel student's learning quality which is reflected in their overall performance during internal and external assessments.

BEST PRACTICES 2:

Centre of Excellence (COE)

Objectives of the Practice:

The objectives of this practice are:

To create awareness about the importance of research among student teachers and teacher educators

6.The practice:

The feedback and deliberations from the stakeholders sow the seeds of the Centre of Excellence. The centre initiated various activities and programs to inculcate the skills and competencies required for the teaching professionals to upgrade their researcher skills.

7.Impact of the Practice:

The goal of a research centre is to enable interaction between faculty, scholars, students and industry to enhance research opportunities, academic excellence, real-world problem solving and knowledge creation and dissemination.

- Training programs and workshops on research methodology, IPR, data analysis

Research paper publication in peer- reviewed and UGC Care list journals, ISBN books.

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Efficient Implementation of Curriculum for effective knowledge transfer.

To ensure the quality and effectiveness of the course delivery, the following strategies are following regularly

Daily Class Handling Report (DCHR) ensures the schedule is following as per Semester timetable without any delay from syllabus coverage.

Concept of the Day

A very well exhibited practice of our college. Through this we

inculcate the practice of Public speaking and eventually personality development is enhanced.

Daily Attendance Report (DAR)

The Class coordinator (CC) of all the classes monitors the daily attendance to check the Presence of students. In case of absence, the absentees are informed to their parents.

Class Teachers Meet (CTM) is effective as the coordinators cordially associate to discuss about the performance of the students

Subject Teachers Meet (STM) team includes the HOD, Class Coordinator, particular subject expert Faculty, Subject handling faculty. The faculties discussing the subject details and the syllabus as per text book & reference books analysis.

Online Feedback is taken from the students on the teaching of every course between 6th and 8th week from the start of the semester.

Result Analysis is practiced regularly after every Assessments, Model and University exam results to improve the quality in Academics.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Dhaanish Ahmed College of Engineering which is affiliated to Anna University, Chennai follows the prescribed syllabus offered by the University. Students have an option to choose elective subjects from the list of subjects given by the university. For the students admitted up to AY 2016-17 fixed credit and absolute grading system is followed. From AY 2017-18 onwards, Choice Based Credit System (CBCS) has been introduced where the student has a choice to choose interdisciplinary subjects/electives and can also complete the 8th Semester subjects in advance. The academic schedule for each semester is provided by the COE, Anna University and it is distributed to all departments.

Dhaanish Ahmed College of Engineering (DACE) carries out the following activities: • Maintenance of Course File, Log Books, Lesson Plan, Lecture notes, Master Attendance etc, • Effective curriculum delivery through Information Communication Technology (ICT) enabled class rooms in addition to LCD, video conference, and NPTEL. • With an aim to make the teaching methods student friendly, a new approach, namely, SUPPORTIVE, SELF LEARNING, COLLABORATIVE LEARNING, INNOVATIVE LEARNING, TRADITIONAL LEARNING & COMPETITIVE LEARNING is introduced in our college to enhance students skill.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://cac.annauniv.edu/aidetails/ai_u_g_cands_2021ft.html

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The Principal / Dean / Overall Academic Coordinator prepares an Academic Calendar for the college by convening HODs meeting to fix timetable slot, assessment tests schedule and other schedules for the semester, based on the University Academic Calendar. All other activities of the departments like Industrial visits, In-plant training, Guest lectures, Symposium, Seminars, Conference, Placement and Training and association activities are scheduled to augment teaching-learning process. Class Committee meetings are convened as per University norms. The calendar of events includes the department meetings, faculty & head other department meetings, parents' meetings, various events to be conducted at the Institute level, attendance calculation & display of results, internal assessment conduction. The individual departments prepare the department calendar of events in line with the college calendar of events. The heads of the departments ensure the adherence of all the academic activities as per the calendar of events. Dhaanish Ahmed College of Engineering (DACE) carries out the following activities:

- Maintenance of Course File, Log Books, Lesson Plan, Lecture notes, Master Attendance etc,
- Effective curriculum delivery through Information Communication Technology (ICT) enabled class rooms in addition to LCD, video conference, and NPTEL.
- With an aim to make the teaching methods student

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.
Academic council/BoS of Affiliating University
Setting of question papers for UG/PG programs
Design and Development of Curriculum for Add on/certificate/ Diploma Courses
Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

9

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

6

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

471

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The Institute has made all efforts to build healthier and harmonious working environment with respect to issues related to Gender, Environment and Sustainability, Human values and Professional Ethics into the curriculum.

1 Gender: To prevent sexual harassment at workplace and to empower the women employees, the Institute has constituted 1) Internal complaints Committee 2) Women empowerment cell to effectively curb any unhealthy working condition for the girls students and women employees and to increase their morale & empower them. Equal opportunities are extended to all in every aspect of teaching and learning in the Institute as it believes that gender discrimination is a crime. Every year the Institute is organizing woman's day celebration to respect the women force at all levels.

2. Environment and Sustainability The Anna University curriculum has made "Environmental science" course in their regular curriculum to create awareness related to various environmental issues the world is facing. Students are given ample opportunity to learn about the climate change.

3. Human Values and Professional Ethics The Anna University curriculum is offering "Professional Ethics" as elective paper and the college make sure the students take up that elective paper that provides basic information about Indian constitution, to identify individual role and ethical responsibility towards society and to understand human rights and its implications. This course helps the students to gain knowledge, legal literacy and thereby to take competitive examinations.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

13

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

522

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above
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File Description	Documents
URL for stakeholder feedback report	Nil
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
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File Description	Documents
Upload any additional information	View File
URL for feedback report	https://docs.google.com/document/d/1J37Opf26DhM24xJtWdyHUXvC_k07s17c/edit?usp=share_link&oid=102070900442899583978&rtopof=true&sd=true

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

366

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

201

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Assessment occurs at various levels in the Institution. The entry- level assessment involves collecting quantitative and qualitative

information about student's learning levels at the entry itself. Special facilities for advanced learners: 1. Awards for Meritorious students. 2. Books for Meritorious students. 3. Practical training with scope for mini-projects. 4. Value Added Courses and Online e-Learning courses relevant to respective discipline. 5. Motivation for participation in co-curricular activities - Seminar, Paper Presentation, Quiz, and Competitions. 6. Facility to become a member of Centre of Excellence / Entrepreneurship Development Cell. 7. Motivation for Industry Internship. 8. Facilities to learn Foreign Languages. 9. Encouragement in sports and games.

Special initiatives for slow learners: 1. Slow learners are segregated into small groups. 2. They are monitored through Mentoring and counseling on regular basis. 3. Discussions with the parents on assessing the reason for poor performance and remedial measures to improve academic performance.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
789	100

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Student-centric methods serve as an integral part of the pedagogical techniques employed by the faculty of the college. The methodology involves project-based/experiential learning, participative learning, and problem-solving methodologies with more responsibility and autonomy for the student to deeply study and understand the subject with the role of a teacher as a facilitator rather than an instructor. The college has established several centres of excellence in collaboration with industry. The students are grouped as per their choice, into one of these centres. The training didactics for these centres are provided by the industry. The students are encouraged to

demonstrate their knowledge and practical skill by undertaking mini- projects through simulation and hardware development and

participating in project contests. A panel of experts from the industry reviews the projects. The Students are encouraged to

participate in Professional societies, Technical Workshops, Intra Department Project Contests, Seminars, Symposiums, Paper presentations in Conferences. In addition, Industry visits, In-Plant Training, and Internship are also arranged

for the students.

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

ICT-enabled technologies have become a key consideration in the curriculum framework. The classes were scheduled in Google meet during the pandemic situation. The faculty uses ICT-enabled tools such as PPT, Videos for online teaching. The faculty also uses additional online platforms such as quizzes, crosswords, Google classroom, etc for an effective teaching-learning process. Faculty members employ electronic resources from platforms such as NPTEL and COURSEERA to stay up to date on recent technology. Digital material for all the subjects is shared on the College website which consists of notes, activity-based learning,

real-time applications, mini-projects, etc a new era in the teaching- learning process.

The institution provides the complete infrastructure for ICT-enabled teaching-learning processes and for content development by the faculty. Facilities such as seminar halls, smart classrooms, LCD projectors, video cameras, Internet, and Wi-Fi etc. The Institution uses an AI-Driven Personalized Hybrid Learning Platform DHAANISH INTELLECTUAL POWERHOUSE for Engineering education which aids in imparting a highly efficient, personalized, and exciting learning experience. Its unique features bridge the gap between the students' skills set and corporate expectations.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)**2.3.3.1 - Number of mentors**

61

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality**2.4.1 - Number of full time teachers against sanctioned posts during the year**

100

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)**2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year**

43

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

100

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Internal assessments are conducted as per the academic calendar. The academic calendar with test schedule will be given to students at the beginning of each semester. The question bank is prepared for each course by an experienced course coordinator nominated for each course by extracting and consolidating the questions prepared by different faculty handling the same course. The question bank covers Part - A, Part - B, and Part C questions. The final question paper is generated using Smart Pick SoftWare to assure transparency. Any correction in the internal assessment question paper will be intimated to the students immediately with the permission of Head of the Institution. All assessment tests are evaluated with an answer key scheme by subject teachers. After the evaluation process, papers are distributed to the students. The faculty discuss the answer key in the class after every internal test to clarify their doubt and enable them to perform well in the forthcoming examination. Any discrepancy in the marks awarded to the answers will be

resolved by the faculty immediately and the marks will be updated.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

Internal assessments are conducted as per the academic calendar. The academic calendar with test schedule will be given to students at the beginning of each semester. Any correction in the internal assessment question paper will be intimated to the students immediately with permission of Head of the Institution. All assessment tests are evaluated with an answer key scheme by subject teachers. After the evaluation process, papers are distributed to the students. The faculty discuss the answer key in the class after every internal test to clarify their doubt and enable them to perform well in the forthcoming examination. Any discrepancy in totaling, marks awarded to the answers will be resolved by the faculty immediately and the marks will be updated.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) for all programs are well stated and displayed through: • Institute website • Syllabus • Display boards in all corridors of Departments • Department notice boards/ Magazines/ Lab Manuals/ Department newsletters/ department & staff cabin • Awareness about COs, POs and PSOs are made to students by faculty at the beginning of the semester and through orientation programs.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The CO attainment for each course is obtained from Direct and Indirect Assessment as detailed below Direct Attainment for each course = 60% weightage of University exam + 40% weightage of Continuous Assessment Indirect Attainment for each course = Course End survey Overall Attainment for each course = 95% of Direct Attainment+5% of Indirect Attainment The assessment of Program Outcome is carried out using data collected from Direct and indirect methods. The PO attainment is calculated by fixing weightage as follows PO Attainment = 80% of Direct Attainment + 20% of Indirect Attainment

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

159

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<https://dhaanish.in/igac-report/>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

8.78

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

0

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

4

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

TECHNOLOGY RESEARCH INCUBATION CENTRE(TRIC) Technology Research Incubation Centre (TRIC) of DACE is the initiative to meet the need of today's fastest growing demand in the area of technical and research knowledge among students. The objective of the TRIC is to create physical infrastructure and support systems necessary to incubate research activities in students. It is an endeavor, not only for its members but also for all the students who desire to have a better professional Career. This shall help students grow positive attitude towards Research & Development and help them to carryout innovative projects. It also provides the services such as internet access and also facilitate networking with professional resources, which include mentors, experts, consultants and advisors for the students and faculty members. It promotes and facilitate knowledge creation, innovation and entrepreneurship activities. Professors with research

experience are deputed as coordinators for the TRIC and also they act as mentors for the students. It currently consists of 96 qualified student members who is directed by the TRIC Coordinators and are encouraged to participate in research activities and also various activities like symposiums, project contests, workshops, conferences etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

10

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

14

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

3

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

- Webinar on Corona Safety Awareness
- Webinar on International Literacy Day
- Seed balls soiling
- Stationery and books distribution
- Awareness Rally on leprosy control
- Covid Awareness -Mask and Sanitizer Distribution

- Awareness on usage of helmet
- Rally on Martyrs Day
- Martial Arts-Silambam training
- Dengue, malaria awareness rally
- National Yoga Day

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

11

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

1037

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

3

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

6

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning. viz., classrooms, laboratories, computing equipment etc.

Adequate facilities such as class rooms, tutorial rooms, laboratories, research laboratories, drawing halls, library, seminar halls, and auditorium are provided in the Institution

for teaching learning activities. Class rooms Tutorial rooms
Laboratories Research Laboratories Total number of Computers
Drawing hall Library and reading room

Library and reading room Seminar hall & Auditorium ,1 Central library & Reading room- 2 and Department library- 5, Seminar Hall - 4 & Auditorium -1

Classroom: There are 30 classrooms fully-furnished, well ventilated, spacious lecture rooms for conducting theory classes. Each class room is furnished with LCD projector and

internet facility to adapt advanced teaching methods.

Laboratories Institute has 34 laboratories to carry out the

academic experiments prescribed by DACE. In addition, there are 3 laboratories to carry out the research activities

Computing facilities There are 410 computers which include 400 desktops 10 laptops. The entire computers area unit connected with local area network and net facility. The institute has 50 Mbps leased line for the internet facility through LAN as well as Wi-fi with hot spots. **Drawing hall:** One drawing halls are available , drawing classes are conducted using drafter to draw manually

Tutorial rooms: There are 02 tutorial rooms which are being used to conduct special classes and discuss the queries of students related to academic activities.

Seminar halls 4 with good audio visual facilities are provided. These seminar halls minimum of 70 seating capacity are being used for conferences, seminars, workshops and placement

activities.

Auditorium: The auditorium is having 500 seating capacity with good audio visual facilities..

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The Campus is provided with both basic infrastructure for education and sports. The games like Basketball, Volleyball, Badminton, Cricket, Hand ball, Throw ball, Football, Chess, Carom, Athletics underneath trendy games; Kho-Kho, Kabbadi, etc. underneath the standard sport activities of India are conducted.

SPORTS INFRASTRUCTURE

Sl.no

Facility

Count

Year of Establishment

1

Basketball court

1

2006

2

Volley ball court

2

2006

3

Shuttle badminton

2

2006

4

Throw ball court

1

2006

5

Kabaddi court

1

2006

6

Kho-kho

2

2006

7

Tennikoit

1

2006

8

Ball badminton

2

2006

9

Cricket ground

1

2006

10

Football ground

1

2006

11

Athletic track 200m

1

2006

12

Indoor

1

2006

13

Table tennis board

2

2006

14

Caroms boards

8

2006

15

Chess boards

8

2006

16

Silambam

1

2012

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

34

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

219.21

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Our College Library is automated with Impres ERP software

purchased from Dolphin Software Solutions, an Integrated Library Management Software (ILMS) to facilitate the needs of the staff and students. The nature of Impres ERP is fully automated in 2011 and the version is Impres ERP 1.0.2042. Our Library subscribes to 75 National and International Journals. In general, our library has uploaded 33050 volumes of books in 7003 titles on different disciplines like Engineering, Management, Technology and Science & Humanities in the software.

Impres ERP consists of 6 modules. Basic Setup (Database Management & Cataloguing) module allows creating, update / edit and maintaining the following databases. Resources module is designed to manage books by creating database and also used to search availability of books and advance booking / renewal, etc.. Transaction module is designed for all types of counter transactions Issue / Renewal / Return / Recall Reminders / Overdue receipt / No-due certificate. Online Public Access Catalogue (OPAC) module is designed to search book, Non book material, periodicals and back volumes through Author / Accession number / Publisher / Title / Subject name. The Report Management module is designed to view and print the reports. Admin (Member) module allows to create user log-in, password for staff and students Maintain database and update database.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	Nil

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

2.815

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

345

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

With the increasing demand for internet access in educational campuses due to evolving standard of education and flexibility offered by the Internet - universities, colleges,

educational institutes etc., are keenly stepping forward to setup secure and stable wired or Wi-Fi network campus for their students. As per the current market trend, most of the students like to carry 3-4 devices with them like mobile, tablets, laptops, ipods etc. with them to campus. As these devices devour bandwidth, colleges and universities are struggling hard to keep up with the bandwidth demand. Educational campuses have major requirements of user access control, control over bandwidth consumption, and differentiated policy control for management faculty's access and student's access. These campuses with wired and wireless internet access require seamlessly roaming facility to access internet from class room to library to labs and residential areas.

Our college has 420 computers and 2 servers with necessary software packages as per the syllabus prescribed by Anna University. The institute upgrades the software packages currently being used in the industry to make the students, industry ready. A separate team Computer Maintenance Cell (CMC) framed to take care of the IT related needs of the campus such as hardware and networking, E-mail & SMS solutions, College Website updation etc

Currently we are using leased line bandwidth of 50 MBPS and also we have provided Wi-Fi facility to students at both hostel as well as on campus. Campus has 50 MBPS of high speed internet facility.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

420

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution	A. ? 50MBPS
File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File
4.4 - Maintenance of Campus Infrastructure	
4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)	
4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)	
File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File
4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.	
<p>Procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc</p> <p>The physical facilities like Classrooms, Laboratories, Library and Sports Complex are made available for all the students admitted to the college. Classrooms and laboratories are maintained and cleaned daily by House Keeping department. The electrical and plumbing works have been maintained by</p>	

Electricians and Plumbers. Lab equipment's are serviced by manufacturers and service personnel during summer / winter vacations. Stock register is also maintained regularly.

Computers The college has an adequate number of the computers with 50 Mbps internet connections and the necessary software's are installed for different locations like office, laboratories, library and departments. Computers are maintained by Computer Maintenance Cell (CMC) ensures the proper use of the computers and IT equipment's which are handled with care by them. **Library** The working hours of the library is from 8.30 a.m to 5.00 p.m on all working days.

Maintenance activities are carried out periodically to keep library clean and usable. The activities like fumigation, preservation of books from insects, dusting and shelving of reading materials on regular basis are done by the library assistants with the help of housekeeping staff.

Sports Activities The college always keeps the play field / courts clean and in good condition during the tournaments and sports day celebrations. The Physical Education Director control the sports equipments like ball, bat, net etc., provided to the students and maintains the stock.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

942

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

30

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

460

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

460

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression**5.2.1 - Number of placement of outgoing students during the year**

5.2.1.1 - Number of outgoing students placed during the year

129

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year**5.2.2.1 - Number of outgoing student progression to higher education**

1

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

0

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	No File Uploaded

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

33

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

College creates a platform for the active participation of the students in the various academic & administrative bodies including other activities like sports, cultural, symposium etc. This empowers the students in gaining leadership qualities, team playing, following rules, regulations and execution skills. Class Committee: Each class has a student representative council, which is called Class Committee, which includes student members. The student members bring

forward the views and suggestions of the entire class with respect to the faculty, subjects, syllabus and other things related to the teaching learning process. At least 4 student representatives (usually 2 boys and 2 girls) shall be included in the class committee; however the students are selected, such that they represents boys, girls, hostlers, day scholars, toppers and slow learners. Various programs like paper presentations, workshops, seminars, Awareness camps and Blood donation campaigns, etc are organized by following students committees every year. Grievance redressal committee Internal complaints committee Anti ragging committee & sqaud Women empowerment cell NSS/YRC/RRC

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

21

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The success of an educational institution depends on the performance of its alumni. DACE has established strong bond

with Alumni and has a registered Alumni Association which functions very actively with a purpose. The institute also invites the alumni for placement talks, entrepreneurship activities and financial contribution for the development of the students. Alumni are identified and their portraits are prominently displayed on the Website of the college so that they can be role models for their successors. Emerging Star, Best Alumni and Outstanding Alumni Awards have been instituted to honor the alumni every year. The college also releases a Newsletter in commemoration of Alumni Day. DACE is quite confident that the involvement and the promotional attitude of DACE Alumni will definitely steer the institution into limelight and take it to greater heights in terms of student's attitude, quality and future vision. Alumni Council Responsibilities

1. Adopt the Alumni Association core values of excellence, lifelong relationships and learning, inclusiveness and diversity, global citizenship, advocacy and Dhaanish Ahmed pride.
2. Enthusiastically communicate the mission and purpose of the college and Alumni Association to the wider alumni population.
3. Support a strong relationship between the Alumni Association and current student.
4. Recognize fellow alumni who are distinguished by their loyalty, professional achievement and community service.
5. Assist current students and alumni in career planning and transitions.
6. Promote the college within one's sphere of influence, whenever the opportunity arises.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

A. ? 5Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and

mission of the institution

Vision To establish a world-class institution that is recognized as a "Centre of Excellence" offering education and research in engineering, technology and management with a blend of social and moral values to serve the community with a futuristic perspective. Mission To produce eminent engineers and managers with academic excellence in their chosen fields, which would be able to take up the challenges in the modern era and fulfill the expectations of the organization they join, with moral values and social ethics. Dhaanish Ahmed College of Engineering (DACE) is under the aegis of the Ayyanavaram Educational Trust (AET), which was established in the year 1980 by the founder and esteemed Chairman Alhaj.K.Moosa, with a noble aim of promoting 'Technical Higher Education'. The founder Chairman Alhaj.K.Moosa he himself is an Educationalist and philanthropist with very rich experience in the field of education, whose focus is to provide quality technical education to the socially and economically backward segment. Presently, AET is managing several schools and Engineering colleges, educating around 5000 aspirants. Mr.Alhaj K.Moosa is the founder Chairman of Dhaanish Ahmed College of Engineering(DACE) was started as a muslim minority educational institution in the year 2002 by the Chairman Mr.Alhaj K.Moosa. The founder Chairman is an Educationalist with rich experience in the education field and also a well known philanthropist, whose focus is to provide quality technical education to the socially and economically backward people.

File Description	Documents
Paste link for additional information	https://dhaanish.in/vision-mission/
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

DACE has a decentralized administration, provides complete transparency in the decision making process. The governing body has given powers to the principal to take decision in Academic and Co-curricular activities. The governing body meets at regular intervals and monitors the activities of the institute. The Principal conducts regular meetings with the

programme coordinators and discuss the activities of the department. The programme coordinators conduct meetings with faculties and Nonteaching staff in the departments and discuss the activities. Under the guidance of the Management, Principal constitutes different committees for the successful operation of the institution. PageCASE STUDY: DACE follows standards in budgeting and over all transparency is maintained from proposal to expenditure statement. At the end of financial year the estimated budget from each department is collected for the next academic year. The estimated budget proposal is based on the requirements provided by the faculty in-charges and supporting staff. The faculty in charges and staff will decide the requirements as per the syllabus in consultation with the Head of the Department. The budget coordinator consolidates the proposals of all labs and is presented in budget meeting for the approval from the management through principal. A common template is used by all the departments which includes the following, Laboratory Equipments Software Laboratory consumables Maintenance and spares Training and travel

File Description	Documents
Paste link for additional information	https://dhaanish.in/committee/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

DACE believes in hard work and excellence in all dimensions in the way in which the faculty and the students gets opportunity to learn new skills that meet the global changes happening in day to day life.

The institute has successfully implemented many strategic plans in the past years. One such plan is the research center named Quality Assurance in Research, Innovation, Incubation, and Industry Interaction, Development, Entrepreneurship, Education and Social Responsibility COE The Centre for Excellence inculcate innovative and research capabilities within undergraduate students for product design and development. The various functionalities are described below:
INDUSTRY INSTITUTE INTERACTION To reduce the gap between industry and academia, the team interact with various

industries. The feedback will be provided to Course refinement team of Centre for Excellence to update the syllabus and the same will be communicated to respective Programme Coordinator for the change in syllabus contents. Consulting The Centre for Excellence provides consulting services to various Institutes and Industries based on the need. The Team COE have experienced and dedicated certified trainers for various trainings like NBA, NAAC, OBE etc., Training Team Centre for Excellence Training Division focused on enriching the Skills of the students in various aspects apart from regular curriculum which includes Design Thinking, Value Added Course etc., Social Responsibility The Centre for Excellence guides the students to provide innovative solution for social problems. This lead to scalable and sustainable enterprises having a social and economic impact

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The organizational structure of the institution describes a functional and relational hierarchy. The chairman heads the institution. Day to day academic functions are monitored by the Principal/Dean, which is deployed by the Hod's with the support of teaching and non-teaching staff. Administrative and financial activities are carried out by the principal with management concurrence and as per policy with the help of administratives and accounts staff. The institution has established committees such as internal quality assurance cell, exam cell, anti-ragging committee, redressal cell, women empowerment cell etc, ensure deployment of various activities as per their charter.

Governing Council

Staff Recruitment

Various Bodies Internal Quality Assurance Cell Grievances Redressal Cell Anti-Ragging Cell Internal Compliant Cell Women's Empowerment Cell Promotional Policies The institution follows the promotional policy as per AICTE/UGC/University norms. Service Rule Service rules and code of conduct are followed for all teaching and non-teaching staff as per available Policy/Documents. Grievance Redressal Mechanism : Students can represent their individual problems to the college

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user interfaces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff

Welfare measures for teaching Staff Institution provides On Duty Permission/Registration for Teaching staff in order to improve their skills -for attending Seminars, Workshops, Symposium, Conference, Research Work Provident Fund for Employees Free Transport Group insurance Marriage and

maternity leave provided Medical leave provided Staff welfare amount sponsored ISTE Membership Fee (Provided) Free Medical Check-Up (Visiting Doctor) Welfare measures for non-teaching staff Skill development training (Awareness on Basic computer Software - Excel , Training on OHP PROJECTOR) Service Engineering Provident Fund for Employees Free Transport Group insurance Marriage and maternity leave provided Medical leave provided Staff welfare amount sponsored Free Medical Check-Up (Visiting Doctor)

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

9

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

5

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

100

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Teaching: The Institute collects performance appraisal annually for the concluded Academic year from both teaching and non teaching staffs. As it is a self-introspection of

his/her performance, reporting by the staff members is ensured to be factual and accurate, supported by evidence wherever necessary. The Appraisal is evaluated for 100 marks of which 50% weightage is given to Academic Performance. Credits are given for activities organized by the faculty and also for their participation in FDPs, Workshops, and Seminars etc. Research activities are given due importance in-terms of fund generation, Industry MOU and Research publication in National/International Journal and Conferences. All the above information are provided by the appraisee, which are reviewed by the appraiser (Usually the head of the Department/Division). The HOD records his/her observations, comments and recommendations and submit the same to Dean/Principal. After review by DEAN/Principal the same is submitted to the management. The scores are used to decide on (i) Increment (ii) Career advancement.

Non-teaching: Appraisal of non-teaching staff is done by the appraisers (usually the HoDs/supervisors/administrative heads) to whom the concerned non teaching staff is attached with/ reporting to. Appraisal is carried out both quantitatively and qualitatively. Appraisees are awarded marks on a scale of 2 to 10 aggregating to 100. Verbal description on the quality of the appraisee is also included.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Payments, Receipts and accounting on a daily basis is carried out by the senior Accountant. Every financial transaction is recorded and sent to head of the accounts team on a day to day basis and annual audit is done by a senior accountant from the trust office. At the end of financial year the annual account statement viz. Balance sheet, Receipts & Payments, Income & Expenditure are forwarded to external statutory auditor for the final verification. The audit of accounts and submission of income tax returns are being

carried out regularly each year. Last external auditing was conducted in May 2020 There are no audit objections since the institution follows a good system of internal controls like calling quotations, comparison of rates, preparation of purchase order etc., and obtaining of approvals at every stage of such implementation and due verification of goods and services that are obtained after delivery or completion of works. No expenses are incurred without proper approval or sanction by the Head of the institution/Chairman. The Income and Expenditure Statements for the year 2020-2021 is uploaded for reference.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

es Proper utilization of financial resources are planned at the beginning of every academic year. Finance department is responsible for mobilisation of funds through collection of tuition fees, and other resources. The department is also responsible for optimal deployment of funds towards salary

payment, tax payment, and payment to various suppliers, contractors, service providers etc. Every department will submit their proposals based on departmental activities planned, for that academic year. This is consolidated at the college level and sent for further approval to the college management. Based on the budget sanctioned, funds are released on priority basis. Every financial transaction is recorded and updated in the centralized accounting system.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Two examples of Best Practices institutionalized as a result of IQAC activities Example-1: Risk identification and Risk register: The new version of ISO, ISO 9001:2015 prescribes risk identification and mitigation. To make the best use of the above concept, DACE has introduced a document namely "Risk Register" which is maintained at all academic departments and other administrative and support areas. Whenever a student or staff anticipates/ encounters any risks / issues which is likely to affect the safety / performance of the individual / department / section, an entry is made in the register. The information is also shared in appropriate manner in appropriate forum between departments / sections so as to create awareness about the risk. This practice helps to minimize / prevent the risks and to improve upon the safety, security and comfort of students and staffs, which in turn results in improved performance. Example-2: Two Marks Tests Earlier during consecutive semesters, while scrutinizing the photocopy of answer scripts of students, received for revaluation, it was observed that poor performance by students in answering Part A questions (Two marks) pulls down their overall score and grade in that particular subject. To overcome this, after detailed discussions in IQAC meetings it has been decided to introduce exclusive two mark tests (once in the middle of the semester and once at the end of the semester)

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Example -1 : Institutional review : DACE reviews its teaching, learning process, structures & methodologies of operation and learning outcomes at periodic intervals by following the procedures listed below: Sl.No . Document Procedure Periodicity Reviewed by
 1 Lesson Plan Each faculty prepares a detailed lesson plan for each course at the beginning of the semester based on the syllabus text books which clearly indicates the methodology Every semester Lesson plans reviewed by peer/senior faculty/HoD

2

Log Book Students' attendance and Topics covered in each period is entered in the log book. Assessment test marks are entered on completion of each test
 Updation : End of every period Reviewed by HoD weekly basis a Dean/Principal month.
 3 Teaching and learning review register Period wise topics covered are entered for all the periods in a day and the record
 Updation : End of every period Reviewed by HoD weekly basis a Dean/Principal month.
 4 Result Analysis presentation by the departments As per a planned schedule, each department present their result analysis to Dean/Principal, after the publication of results Every Semester Dean/Principal and indicate mfor correctionimprovement
 5 Pre evaluation form and feedback on question paper from students and faculty On completion of each examination feedback is collected from few students (usually 5 to 10), selected randomly on the nature of the question paper. From faculty feedback on any discrepancies in the question paper is collected and the same is forwarded to Anna University, if necessary. Every Semester HoD/AC/ Principal / Preview the feand initiate reaction

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Safety and Security: Women empowerment cell in the college has conducted programs for women which help them to take their own decisions by breaking all personal limitations of society and family. To uphold women's right on protection against Sexual Harassment and to create a healthy and secured social environment, the following seminar/ Workshop have been organized. **Counseling:** College provides mentoring and counseling system to the students. College has taken a

special care to create social, physical and psychological environment and awareness. Counseling is provided to the students to be more confident, mentally strong and matured enough to handle situations affecting their educational and vocational life.

(a) Mentoring: Mentoring the students is done at 1:20 ratio on a regular basis which is scheduled in the class time table.

(b) Counseling: It helps the students who are facing problems such as stress, financial stress, depression and anxiety. They are giving individual care to the students by spending time with them. The students share the problems freely and got the solutions.

(c) Yoga: Yoga and meditation is practiced in the college to relax the students and faculty from their regular hectic schedule. In order to improve the concentration we have given small physical and mental exercise.

1. Common room is provided for the girl students in the form of Prayer Hall for Girls separately.

2. Medical room for girls with first aid kit.

3. Study room separately for girls to discuss the subjects taught and study during exams.

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy

A. 4 or All of the above

conservation Use of LED bulbs/ power efficient equipment	
File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded
7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management	
<p>a) Solid waste management: The institute has an effective mechanism for waste management. The vegetable waste and left over waste from the hostel and canteen is segregated into bio-degradable and non-bio degradable waste. The bio-degradable waste is put into a pit and left to ferment which will be used later as fertilizer to plants in the campus. The nonbio degradable waste is placed into dustbins which are further collected by the municipal authorities. The old blue books (IA books) that are used for internal tests are given away for recycling after keeping them for a specified duration in store room. This ensures effective paper recycling which further aids in fewer trees being cut down. b) Liquid waste management: The treated water from the RO Plant is used for watering gardens and lawns. The rain water harvesting unit is also installed in the campus. c) E-waste management: The e-waste generated in the Institute are collected together from all departments and handed over to an external e-waste recycling agency. d) Waste Recycling System: The bio-degradable solid waste is put into a pit and left to ferment which will be used later as organic fertilizer to plants in the campus. The treated water from the RO Plant is used for watering gardens and lawns. The rain water harvesting unit is also installed in the campus.</p>	
File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above
File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded
7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1.Restricted entry of automobiles 2.Use of bicycles/ Battery-powered vehicles 3.Pedestrian-friendly pathways 4.Ban on use of plastic 5.Landscaping 	A. Any 4 or All of the above
File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded
7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution	
7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional	A. Any 4 or all of the above

activities	
File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded
7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	A. Any 4 or all of the above
File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded
7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).	

The institute provides an eminent inclusive environment for both students and faculties. National festivals like Independence Day and Republic Day for celebrated every year with full vigor. Students organize the teachers' day every year in the College campus to felicitate the teachers and also to show their gratitude towards a great teacher. Every year Institute organizes Engineer's Day on 15th September. The Institute celebrates Pongal festival every year on Jan 13th. Various other activities like holi celebrations, ethnic day are also celebrated by the students.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Professional Ethics is been studied by all the UG programmes. This provides a insight into valuing human dignity and to save the liberties of the people against discrimination. The course also gives insights into Internet Laws Cyber Crimes and Cyber Laws. Every year Independence day is also celebrated every year to highlight struggle of freedom and importance of Indian constitution. Republic day is celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution. Similarly constitution day is celebrated on 26th Nov every year by reading out the Preamble as stated in Constitution of India. Observance of Vigilance Awareness Week is carried out every year during the last week of October to encourage all stakeholders to collectively participate in the prevention and the fight against corruption and to raise public awareness.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff

4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The institute celebrates national and international commemorative days, events and festivals with full vigor. National festivals like Independence

Day (15th August) and Republic Day (26th January) are celebrated every year with pride.

Students organize the teachers' day on 5th September every year in the College campus to felicitate the teachers and also to show their gratitude towards a great teacher and a legend Dr. Sarvepalli Radhakrishnan. Every year Institute organizes Engineer's Day on 15th September,

The Institute celebrates Pongal festival every year on Jan 13th.

Constitution day is celebrated on 26th November every year by reading out

the Preamble as stated in Constitution of India.

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Students organize the teachers' day on 5th September every year in the College campus to felicitate the teachers and also to show their gratitude towards a great teacher and a legend Dr. Sarvepalli Radhakrishnan. Every year Institute organizes Engineer's Day on 15th September,

The Institute celebrates Pongal festival every year on Jan 13th.

Constitution day is celebrated on 26th November every year by reading out

the Preamble as stated in Constitution of India.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

BEST PRACTICES 1:

Special Study Hours for Hostel Students.

Objectives of the Practice

1. To monitor and motivate the students in learning and earn better grades in internal and external examinations.

Intended Outcome

1. Improved performance of students in internal and external assessments

Evidence of Success

The learning methodology has enhanced the hostel student's learning quality which is reflected in their overall performance during internal and external assessments.

BEST PRACTICES 2:

Centre of Excellence (COE)

Objectives of the Practice:

The objectives of this practice are:

To create awareness about the importance of research among student teachers and teacher educators

6.The practice:

The feedback and deliberations from the stakeholders sow the seeds of the Centre of Excellence. The centre initiated various activities and programs to inculcate the skills and competencies required for the teaching professionals to upgrade their researcher skills.

7.Impact of the Practice:

The goal of a research centre is to enable interaction between faculty, scholars, students and industry to enhance research opportunities, academic excellence, real-world problem solving and knowledge creation and dissemination.

- Training programs and workshops on research methodology, IPR, data analysis

Research paper publication in peer- reviewed and UGC Care list journals, ISBN books.

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Efficient Implementation of Curriculum for effective knowledge transfer.

To ensure the quality and effectiveness of the course delivery, the following strategies are following regularly

Daily Class Handling Report (DCHR) ensures the schedule is following as per Semester timetable without any delay from syllabus coverage.

Concept of the Day

A very well exhibited practice of our college. Through this we inculcate the practice of Public speaking and eventually personality development is enhanced.

Daily Attendance Report (DAR)

The Class coordinator (CC) of all the classes monitors the daily attendance to check the Presence of students. In case of absence, the absentees are informed to their parents.

Class Teachers Meet (CTM) is effective as the coordinators

cordially associate to discuss about the performance of the students

Subject Teachers Meet (STM) team includes the HOD, Class Coordinator, particular subject expert Faculty, Subject handling faculty. The faculties discussing the subject details and the syllabus as per text book & reference books analysis.

Online Feedback is taken from the students on the teaching of every course between 6th and 8th week from the start of the semester.

Result Analysis is practiced regularly after every Assessments, Model and University exam results to improve the quality in Academics.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

- DACE aims to organize industrial visits to students for all departments with real time technological knowledge transfer.
- DACE continuously endeavors to enhance the quality of education through training of Staff and students.
- DACE aims to publish more number of research papers in Indexed Journals listed in Web of Sciences, Scopus, UGC listed journals by its students and staff.
- With an aim to enhance the placement opportunity and ensure professional skills DACE has initiated steps to set up appropriate centre of excellence in each department for Pre placement trainings, Hackathons, Codeathon, Brainathon Events, Soft skills trainings.
- To increase the number of course learners via NPTEL, Coursera, edX, Udemy, Swayam, MOOC, GIAN etc.,
- DACE proposes to register more number of patents and copy

rights in the near future.

Centre of Excellence plan to accomplish with various club activities DACE Smart Engineer, Skill++